



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection – Watershed Permitting Program  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

FOR DEP USE ONLY

Tax Identification Number

**A. Reporting Facility**

1. Facility Information

Hull, MA WPCF

MA0101231

Reporting Sewer Authority

Permit #

2. Authorized Representative Transmitting Form:

Aram

Varjabedian

781-925-0906

First Name

Last Name

Telephone No.

Plant Manager

avarjabedian@woodardcurran.com

Title

E-mail Address

**B. Phone Notifications:**

1. MassDEP staff contacted:

Contacted By: Email

David

First Name

Burns

Last Name

Date/Time contacted:

7/31/2018 17:03

Contacted by:

2. EPA staff contacted:

Contacted by: Email

David

First Name

Turin

Last Name

Date/Time EPA contacted:

7/31/2018 17:03

3. Board of Health contacted:

Contacted by: Email

Joyce

First Name

Sullivan

Last Name

Date/Time contacted:

7/31/2018 17:03

4. Dir. Of Wastewater Oper. Hull Sewer De John

Contacted by:

First Name

Struzziery

Last Name

Date/Time contacted:

7/30/2018 at 9:52:00 AM

4. Others notified:

Harbormaster / Shellfish Warden - Kurt Bornheim, Division of Marine Fisheries - Ryan Joyce, Hull Conservation Agent -  
Chris Krahforst, DPW Director - Jim Dow, Town Manager - Philip Lemnios

Contacted by: Email

Comments



Massachusetts Department of Environmental Protection  
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**C. SSO Information**

1. SSO Discovered: \_\_\_\_\_  
By: Homeowner \_\_\_\_\_ Date and Time #####
2. SSO Stopped Date and Time 7/30/2018 10:45
3. SSO Discharge from: Other  
Sanitary Manhole, Pump Station, Backup into property, Other - Specify Below  
Specify: Grinder pump failure. Overflow from pump chamber.
4. SSO Discharge to: Ground Surface  
Ground Surface, Direct to Receiving Water, Catch Basin to Receiving Water, Backup into Basement  
Specify: Adjacent ground around pump chamber, and side of road. Some liquid made it to the catch basin. **No** liquid left the ca
- Location: 10-12 Rockaway Ave., Hull, MA.  
(Description of discharge site or closest address)
- X,Y Coordinates 42.263821, -70.852774
5. Estimated SSO Volume at time of this Report: <40 gallons  
Method of Estimating Volume: Visual by responding staff  
Other Method: \_\_\_\_\_
6. Cause of SSO Event: Other - Specify Below  
Rain Event, PS Failure, Insufficient Capacity in System, Treatment Unit failure, Sewer System Blockage, Pipe Collapse, Root Intrusion, Grease Blockage, Other  
Specify: E1 grinder pump failed. Alarm notification from homeowner did not reach the sewer department until SSO occurred on 7/30/18, even though pump system was in alarm. Pump chamber contained a lot of solids, grease, and plastics which most likely contributed to pump failure.
7. Corrective Actions : Contacted septic pump truck company immediately, Rosano Davis Pumping. The pump chamber was pumped out and cleaned, and new replacement pump installed. The nearby catch basin was also pumped out and cleaned. **NO liquid left the catch basin sump**, as this liquid was vacuumed up and structure cleaned out.
- Impact Area cleaned and/or disinfected: Yes Corrective Actions Completed: Yes
- Details: For all affected areas, lime was applied, after the liquid was vacuumed up.



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**D. Comments/Attachments/Follow-up**

Additional comments and  
planned actions:

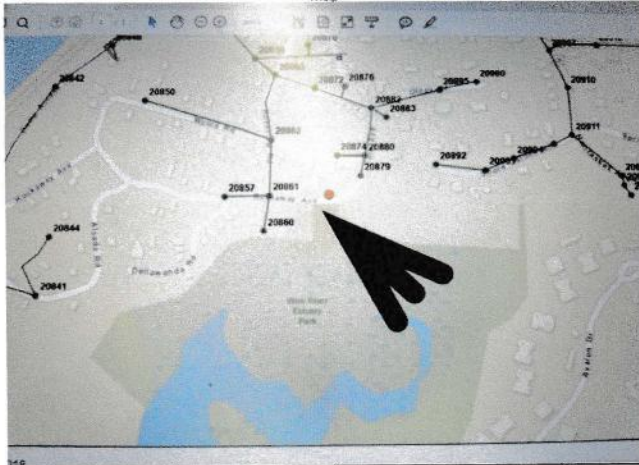
See additional sheets

I wish to provide the following:

Attachment, Additional Comments

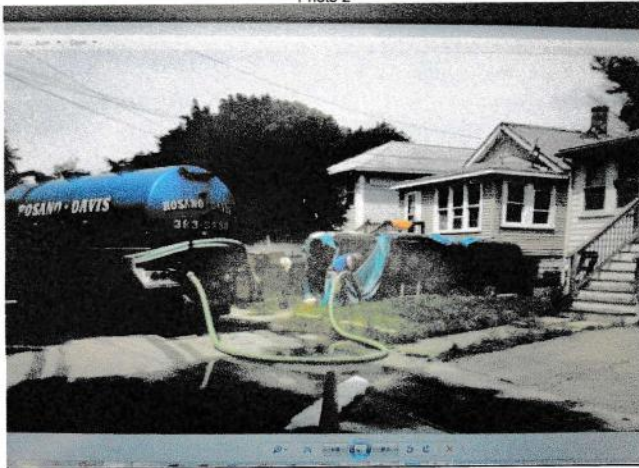
Attachment, Additional Comments, No Additional Comments or Attachments

Map



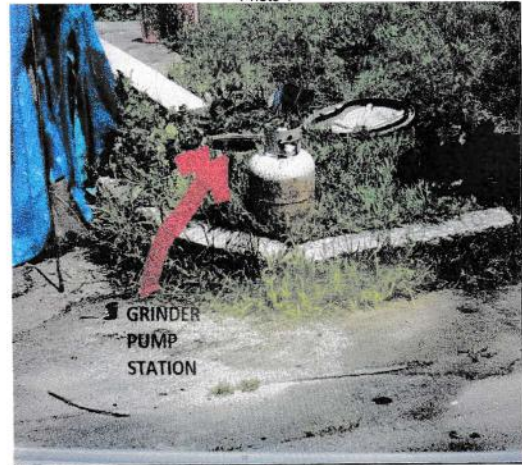
10 Rockaway Ave [red dot]

Photo 2



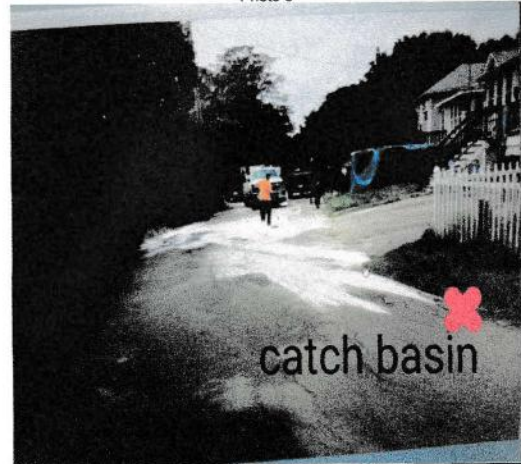
Pump truck service at 10 Rockaway

Photo 1



GRINDER  
PUMP  
STATION

Photo 3



catch basin

down gradient catch basin



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**Notification Form**

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**E. Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



\_\_\_\_\_  
Signature of Authorized Representative

8/3/2018

\_\_\_\_\_  
Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from this report.

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**MassDEP Regional Office and EPA Telephone and Fax Numbers:**

Northeast Phone: 978-694-3215  
Southeast Phone: 508-946-2750  
Central R Phone: 508-792-7650  
Western F Phone: 413-784-1100  
EPA Cont Phone: 617-918-1870  
DEP 24-h Phone: 888-304-1133

Fax: 978-694-3499  
Fax: 508-947-6557  
Fax: 508-792-7621  
Fax: 413-784-1149  
Fax: 617-918-0870



# Town of Hull Wastewater Treatment Plant

1111 Nantasket Avenue  
Hull, MA 02045  
(781) 925-1207



NPDES Permit #  
MA0101231

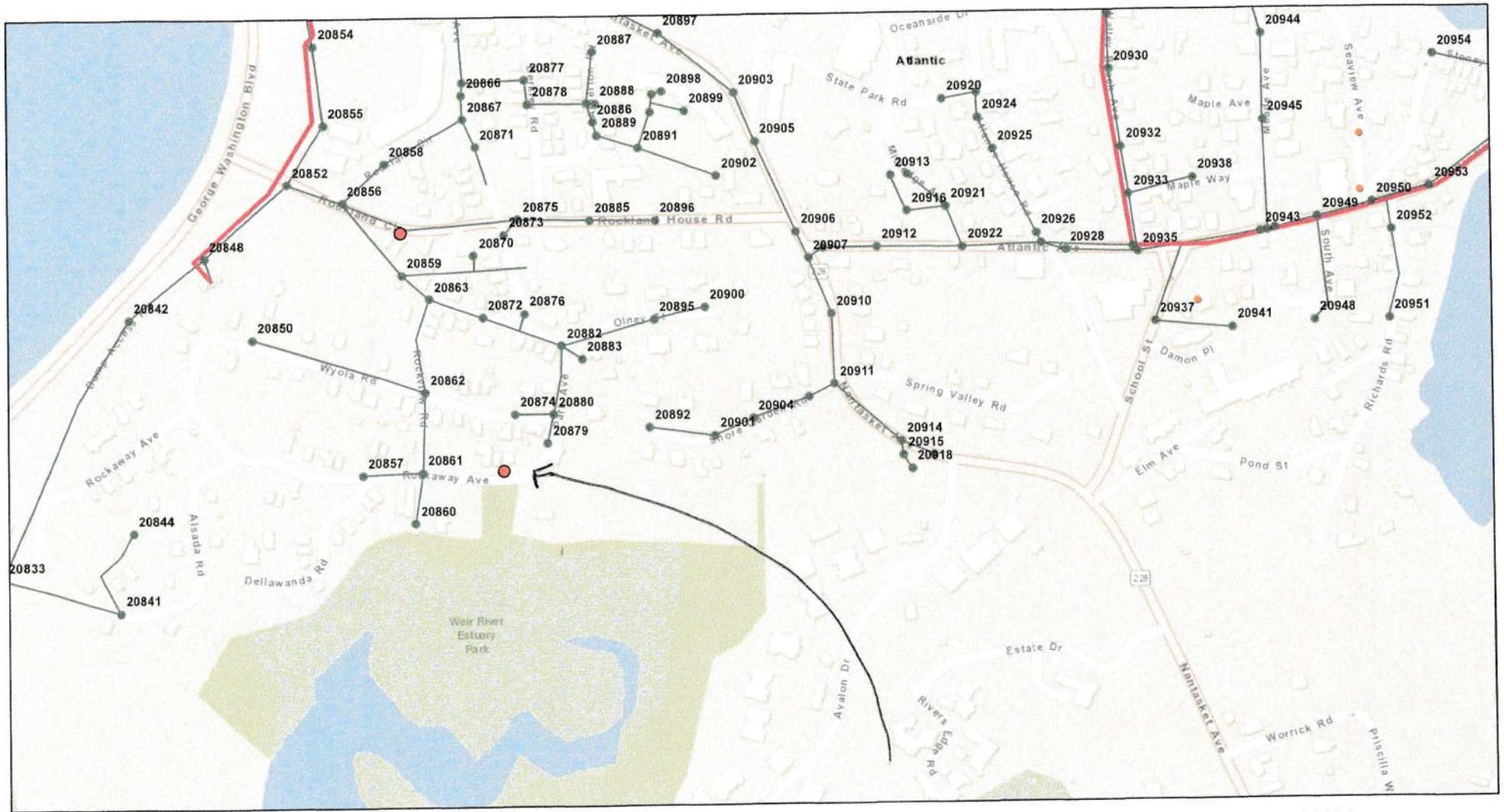
## Unauthorized Discharge Summary 10 Rockaway Ave [07-30-18]

Location (address or latitude and longitude);	<i>On SSO form</i>
Date and Time unauthorized discharge began;	<i>On SSO form</i>
Date and Time unauthorized discharge stopped;	<i>On SSO form</i>
Source of the notification (e.g., property owner, field crew, police);	<i>Property owner reported to Hull Sewer Dept.</i>
Type of asset from which the unauthorized discharge occurred (e.g., station, manhole, main);	<i>E1 Grinder Pump Station – simplex pump station that services #10 and #12 Rockaway Ave.</i>
Estimated gallons released;	<i>Estimated at less than 40 gallons. Sewage filled up the pump chamber and then spilled out onto the ground filled and adjacent area that included the side of the road. Staff able to minimize flow to the nearby stormwater catch basin.</i>
Method used to estimate volume;	<i>Best estimate based upon visual.</i>
Cause of the unauthorized discharge, (blockage or break; mechanical, electrical, or structural failures);	<i>Failure of E1 pump due to debris in pump chamber.</i>
If caused by a blockage, identify the type of blockage (e.g., grease, rags, debris);	<i>NA</i>
If caused by a mechanical, electrical, or structural failure, the date of the last inspection, maintenance, or repair of the failed asset;	<i>NA</i>
Did the release reach any portion of the Town's Municipal Separate Storm Sewer System ("MS4").	<i>Release made it to MS4 catch basin, but <u>did not</u> travel any further than this structure.</i>

<b>If the release occurred to the ground, provide the location of the nearest down-gradient catch basin and the name of the receiving water to which the catch basin discharges;</b>	<i>Nearest down-gradient catch basin just past #10 Rockaway Ave on same side of road as the residence. It is believed that the Wier River Basin is receiving water that this catch basin discharges to. It should be noted that NO DISCHARGE from this catch basin occurred.</i>
<b>Did the release reach a wetland or surface water? If so, include the name and exact location where?</b>	<i>No</i>
<b>Measures taken to minimize the volume and duration of the unauthorized discharge;</b>	<i>Noted above and on SSO form. Diverted/diked to minimize, and vacuumed up from ground surface. Vacuumed out catch basin contents.</i>
<b>Measures taken to clean the area where the unauthorized discharge occurred;</b>	<i>Lime applied to all areas;</i>
<b>Corrective actions taken to prevent reoccurrence of unauthorized discharges at the same location;</b>	<i>New pump was installed on 7/30/18</i>
<b>Date of the last unauthorized discharge in the same general location;</b>	<i>NA</i>



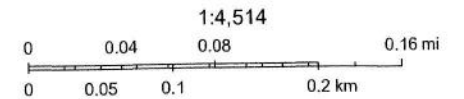
# 10-12 Rockaway Ave



August 3, 2018

- Hull SSO Events
- Hull - Sewer Manhole
- Hull - Force Main
- Hull - Sanitary Sewer pipe
- HullIMA\_ArrowGPS\_Collection

LOCATION of  
7/30/18 SSO



Esri, HERE, Garmin, INCREMENT P, NGA, USGS



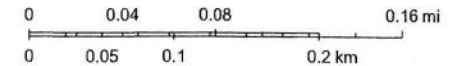
# 10-12 Rockaway Ave



August 3, 2018

- |                              |                              |                  |                                       |                              |
|------------------------------|------------------------------|------------------|---------------------------------------|------------------------------|
| ● Hull SSO Events            | Hull Drainage - Structure    | Culvert Inlet    | Other                                 | ● Tide Flex Valve            |
| ● Hull - Sewer Manhole       | ● Catchbasin                 | ● Culvert Outlet | Hull Drainage - Inflow Control Device | ● Tide Gate                  |
| — Hull - Force Main          | ● Drainage Manhole           | ● Drain Inlet    | ● Flapper Valve                       | ● Hull - Hydrants            |
| — Hull - Sanitary Sewer pipe | Hull Drainage - Pipe Opening | ● Drain Outlet   | ● Other                               | ● HullMA_ArrowGPS_Collection |
|                              | ● Outfall                    | ● Inlet          | ● Pump                                |                              |

1:4,514



Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





## Work Order - Grinder Pump Alarm

### Hull Wastewater

#### Work Order Information

**Date:** 07/30/2018      **Type:** Corrective Maintenance      **Status:** Completed  
**Asset:** Grinder Pump 12 ROCKAWAY AVE.      **Priority:** Normal      **Reason:** Client Support  
**Serial # In:** DH 391720  
**Serial # Out:** 185939

#### Description of Issue

**Description:** Grinder in alarm

**Caller Name:** Patricia Lucreziano

**Phone #:** 857 243 4633

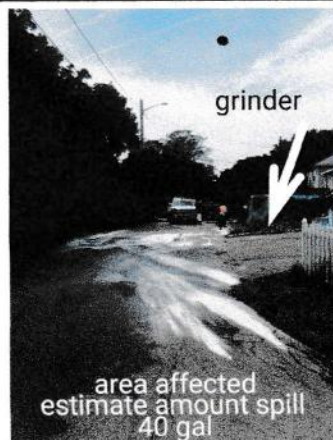
**Notes:**

#### Actions Taken

**Staff:** Eric Sutton

**Service:** Eric Dave on site, Rosano Davis on site due to SSO see details. Rosano pumped entire grinder can which was dirty with grease, rags, plastic shampoo caps. Replaced grinder now operational. Also applied lime on effected area

#### Photos



## Aram Varjabedian

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**From:** Aram Varjabedian  
**Sent:** Tuesday, July 31, 2018 5:03 PM  
**To:** Aram Varjabedian; Berardinelli, Terri; Bill Boornazian; david.burns (david.burns@state.ma.us); Dow, James (jdow@town.hull.ma.us); Frank Cavaleri; jstruzziery (jstruzziery@town.hull.ma.us); jsullivan (jsullivan@town.hull.ma.us); kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); O'Connor, Carol; Robert Scott (rscott@woodardcurran.com); Turin, David (Turin.David@epa.gov); Joyce, Ryan (FWE) (ryan.joyce@state.ma.us)  
**Subject:** Preliminary Reporting of SSO - Hull, MA - MA0101231 - 10-12 Rockaway Ave.  
**Attachments:** IMG\_9708.JPG; IMG\_9730.JPG

Tracking:	Recipient	Delivery	Read
	Aram Varjabedian	Delivered: 7/31/2018 5:03 PM	
	Berardinelli, Terri		
	Bill Boornazian	Delivered: 7/31/2018 5:03 PM	
	david.burns (david.burns@state.ma.us)		
	Dow, James (jdow@town.hull.ma.us)		
	Frank Cavaleri	Delivered: 7/31/2018 5:03 PM	
	jstruzziery (jstruzziery@town.hull.ma.us)		
	jsullivan (jsullivan@town.hull.ma.us)		
	kbornheim (kbornheim@town.hull.ma.us)		
	Krahforst, Chris (ckrahforst@town.hull.ma.us)		
	Lemnios, Philip (plemnios@town.hull.ma.us)		
	O'Connor, Carol		
	Robert Scott (rscott@woodardcurran.com)	Delivered: 7/31/2018 5:03 PM	Read: 7/31/2018 5:28 PM
	Turin, David (Turin.David@epa.gov)		
	Joyce, Ryan (FWE) (ryan.joyce@state.ma.us)		

Good afternoon:

This email is to report a sanitary system overflow [SSO] that occurred yesterday at 10-12 Rockaway Ave. The SSO was the result of a failed grinder pump that services two homes. The pump failure caused the pump chamber to fill up and spill out onto the ground. The release was estimated at less than 40 gallons.

A call came into the Hull Sewer Department office at 10:45am on Monday 7/30/18. Woodard & Curran staff were dispatched to this location and a call also made to Rosano-Davis at the same time for a septic pump truck to meet at the residence.

The pump truck arrived at 11:35am and pumped down the E-1 pump chamber as well as the small amount of sewage that reached nearby storm drain. The storm drain sump was cleaned out and no release into the drainage system

Lime was applied to the areas where sewage leaked out onto the ground. The failed pump was replaced.

A full report will follow.

Sincerely,

Aram

Aram Varjabedian  
Plant Manager  
Hull Wastewater Treatment Facility  
1111 Nantasket Avenue | Hull, MA 02045  
Phone 781.925.0906 | Fax 781.925.3056 | Cell 339.214.8334  
[www.woodardcurran.com](http://www.woodardcurran.com)



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